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(TUE) 7.19'05 16:22/ST. 16:21/NO. 4861050856 P 1

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TO: **EXAMINER P. KUMAR - OFFICIAL - RESPONSE**

FROM: **Kevin E. Borg**

DATE: **July 19, 2005**

FACSIMILE NUMBER: **571 273 8300**

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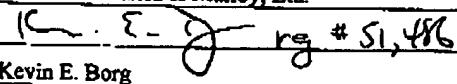
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TRANSMITTAL FORM (to be used for all correspondence after initial filing)		Application Number	10/000,415
		Filing Date	November 2, 2001
		First Named Inventor	Kolze
		Art Unit	2631
		Examiner Name	P. Kumar
Total Number of Pages in This Submission	13	Attorney Docket Number	13199US02

ENCLOSURES (check all that apply)

<input checked="" type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/ Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input type="checkbox"/> Return-Receipt Postcard <input type="checkbox"/> Other Enclosure(s) (please identify below):
Remarks		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm	McAndrews Held & Malloy, Ltd.		
Signature	 reg # 51,486		
Printed Name	Kevin E. Borg		
Date	July 19, 2005		

CERTIFICATE OF FAX TRANSMITTAL

I hereby certify that this correspondence is being sent via facsimile to Examiner , at the United States Patent and Trademark Office, fax No. 571 273 8300, on July 29, 2005.

Name (Print/type)	Kevin E. Borg	Registration No. (Attorney/Agent)	51,486
Signature			Date
			July 19, 2005

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE
Attorney Docket No. 13199US02RECEIVED
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In the Application of:

T. Kolze et al.)
Serial No.: 10/000,415)
Filed: November 2, 2001)
For: DETECTION AND MITIGATION OF)
TEMPORARY IMPAIRMENTS IN)
A COMMUNICATIONS CHANNEL)
Examiner: Kumar, Pankaj)
Group Art Unit: 2631)
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By: K. E. Borg
Kevin E. Borg
Reg. No. 51,486

RESPONSE TO OFFICE ACTION

MS: Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

This paper is in response to the Office Action mailed April 19, 2005, in the above-identified application. This response is timely because it is submitted within the period of reply ending July 19, 2005. In the Office Action, the Examiner rejected claims 1-9, 11-16 and 18-20 and objected to claims 10 and 17.

Applicants respectfully request entry of the following amendments and consideration of the following remarks.

Amendments to the Claims begin on page 2.

Remarks begin on page 7 of this paper.

07/20/2005 ZJUHAR1 00000026 130017 10000415

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02 FC:1202 100.00 DA